

Product datasheet for **DM3559P**

Igfbp2 Rat Monoclonal Antibody [Clone ID: 8J27]

Product data:

Product Type:	Primary Antibodies
Clone Name:	8J27
Applications:	WB
Recommended Dilution:	Western Blot: 1/500 - 1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Recombinant protein of IGF-BP2
Specificity:	This antibody detects IGF-BP2. No cross activity to other IGF-BPs.
Formulation:	State: Purified State: Lyophilized purified Ig
Reconstitution Method:	Restore with 200µl sterile PBS and the final concentration is 500µg/ml.
Purification:	Protein A/G affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -70°C. Following reconstitution store the antibody (in aliquots) at -20°C for 6 month. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	insulin-like growth factor binding protein 2
Database Link:	Entrez Gene 16008 Mouse P47877
Background:	IGFBP2 (insulin-like growth factor binding protein 2) is a member of the ISGBP family which bind various IGFs. IGFBP2 is overexpressed in a wide spectrum of other cancers, including glioma, prostate cancer, synovial sarcoma, neuroblastoma, colon cancer, adrenocortical cancer, lung cancer, Wilms' tumor, and hepatoblastoma. The overexpression of IGFBP2 also correlates with the aggressiveness of some tumors. IGFBP2 activates the expression of matrix metalloprotease 2, which contributes to cell invasiveness.



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Synonyms: IGF-binding protein 2, IGFBP-2, IBP2, IBP-2